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Atty. Dkt. No. ATT-145PUS (ATT/2003-0237)

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

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CENTRAL FAX CENTER

JAN 09 2008

1. (Currently Amended) A method of forming a multi-media communication path between at least a first communication device, a second communication device and a third communication device all of which are coupled to a multi-media provider system, the method comprising:

receiving a first call request at a circuit-based portion of a multi-media provider system;

processing the call request at the circuit-based portion of the multi-media provider system for forming a first communication link between the first and second communication devices in the circuit based portion of the multi-media provider system;

sending predetermined attributes of the first communication link to an IP-based portion of the multi-media provider system for configuring the IP-based portion of the multi-media provider system to provide at least one of a plurality of predetermined multimedia services; and

monitoring the first communication link for a predetermined request for at least one of the plurality of multi-media services.

2. (Original) The method of claim 1, wherein after sending predetermined attributes of the first communication link to the IP-based portion of the multi-media provider system, the method further includes forming a first Real-Time Transport Protocol stream between the first communication device and an application server located on the IP-based portion of the multi-media provider system.

3. (Original) The method of claim 2, further including forming a second Real-Time Transport Protocol stream between the second communication device and the application server located on the IP-based portion of the multi-media provider

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system.

4. (Original) The method of claim 1, wherein monitoring the first communication link for the predetermined request includes monitoring the first communication link for a post-answer call redirect request as directed by an Application Server.
5. (Original) The method of claim 4, wherein configuring the IP-based portion of the multimedia provider system to provide at least one of the plurality of predetermined multimedia services includes:
configuring the IP-based portion of the multi-media provider system to provide post-answer call redirecting services.
6. (Original) The method of claim 5, wherein after detecting the post-answer call redirect request, the method further includes forming a third Real-Time Transport Protocol stream between the third communication device and the application server located on the IP-based portion of the multi-media provider system.
7. (Original) The method of claim 6, further including moving the first, second and third Real-Time Transport Protocol streams to a media server located on the IP-based portion of the multi-media provider system for enabling the media server to operate as a mediator for the first, second and third Real-Time Transport Protocol streams.
8. (Original) The method of claim 7, further including the Application Server instructing the media server to mix the first, second and third Real-Time Transport Protocol streams for providing the multi-media communication path between at least the first communication device, the second communication device and the third communication device.

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9. (Original) The method of claim 8, where after controlling the media server to mix the first, second and third Real-Time Transport Protocol streams, the method further includes disabling the monitoring of the first communication link for the post-answer call redirect request.
10. (Original) The method of claim 9, further including controlling the media server to monitor the multi-media communication path for at least one of a plurality of conferencing instructions.
11. (Original) The method of claim 9, further including controlling the media server to monitor the multi-media communication path for at least one of a plurality of transfer instructions.
12. (Original) The method of claim 9, further including controlling the media server to monitor the multi-media communication path for at least one of a plurality of courtesy transfer instructions.
13. (Original) The method of claim 9, further including controlling the media server to monitor the multi-media communication path for at least one of a plurality of consult and transfer instructions.
14. (Original) The method of claim 9, further including controlling the media server to monitor the multi-media communication path for at least one of a plurality of conference and transfer instructions.
15. (Currently Amended) A method for providing Post Answer Call Redirection (PACR) to provide capacity relief to existing telecommunications network and to predetermined network elements, the method comprising:
- a. receiving at a Border Element (BE) attributes associated with a telephone call established in a circuit switched network from a calling party;

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- b. transmitting a message from the Border Element to a Call Control Element (CCE) to a Service Broker (SB) to an Application Server (AS) to a Media Server (MS), wherein a first query message is received by the AS without having been routed through a circuit-based portion of the communications network and including a circuit switch, a circuit service control point (SCP), and a circuit adjunct;
- c. receiving at a Border Element instructions for PACR from the AS;
- d. providing PACR, via a combination of the AS, MS, BE, and CCE without accessing the circuit switch, circuit SCP, or circuit adjunct; and
- e. after receiving PACR, routing the a re-directed telephone call without accessing the circuit switch, the circuit SCP and the circuit adjunct.